

## METHOD FOR DIAGNOSING FAILURE OF TRANSMISSION CIRCUIT SYSTEM IN CODE DIVISION MULTIPLE ACCESS SYSTEM PORTABLE TELEPHONE SET

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### Abstract

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**PROBLEM TO BE SOLVED:** To easily inexpensively perform a failure diagnosis of the transmission circuit of a code division multiple access(CDMA) system portable telephone set.

**SOLUTION:** In this portable telephone set for driving a power gain controlling part 14 and controlling the transmission power output level of the portable telephone set on the basis of transmission power output level information from a CPU 31, a potential difference detection circuit 2 preliminarily measures a potential difference value between two points 18a and 18b on a power supply line feeding from a battery part 1 to a transmission circuit system 10, makes the potential difference value correspond to the value of the transmission power output level information, stores the potential difference value as a reference potential difference value in a normal state in a memory 32, and decides a failure of the system 10 by comparing a potential difference value between the two points when actually used with the reference potential difference value corresponding to the transmission power output level information.

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